



United States of America  
Department of Transportation  
Federal Aviation Administration  
*Supplemental Type Certificate*

Number: ST04574AT

This certificate issued to: Avionics Support Group, Inc.  
13155 SW 132 Avenue  
Miami, FL 33186

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of 25 of the Federal Aviation Regulations.

Original Product T00021SE  
Type Certificate Number:

Make: The Boeing Company

Model: 787-8, 787-9 & 787-10 Series

*Description of Type Design Change:*

Installation of the Avionics Support Group Constant Friction Mount (cfMount) and Cradle in accordance with Master Data List (MDL) 219274-MDL, Rev IR, dated March 14, 2022, or later FAA approved revision.

*Limitations and Conditions:*

(See Continuation Sheet 3 of 4)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

Date of Application: March 4, 2022 Date Reissued:

Date of Issuance: November 20, 2023 Date Amended:

By Direction of the Administrator

Signature:  Digitally signed  
by Tony White  
Date: 2023.11.20  
09:40:59 -05'00'

Title: (for) Christina M. Underwood  
Manager, East Certificate Branch  
Compliance and Airworthiness Division  
Aircraft Certification Service

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



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*(Continuation Sheet)*

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**Limitations and Conditions - cont.:**

1. The installer must determine whether this design change is compatible with previously approved modifications.
2. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.
3. Instructions for Continued Airworthiness (ICA) document 219274-ICA Rev IR, dated March 14, 2022 or later FAA Approved revision must be made available to the operator at the time of installation.

(See Continuation Sheet 4 of 4)

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Any alteration of this certificate and/or the Type Certificate Data Sheet is punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with Title 14 of the Code of Federal Regulations, part 21, section 21.47 (14 CFR 21.47). A transfer must be endorsed as provided on the reverse hereof. A Type Certificate holder who allows a person to use the Type Certificate to manufacture a new aircraft, aircraft engine, or propeller must provide that person with a written licensing agreement acceptable to the FAA. (Ref. 14 CFR 21.55).

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Certification Basis:

Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for the Boeing 787-8/-9/-10 series aircraft is as follows:

- a. The type certification basis for Boeing 787-8/-9/-10 airplane is shown on TCDS T00021SE for parts not changed or not affected by the change.
- b. The certification basis for parts changed or affected by the change since the reference date of application, March 4, 2022, is based upon part 25 as amended by Amendment 25-143. Based on 14 CFR 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for this modification was determined to be:

Regulations at the latest amendment 25-0 through 25-143

|           |           |           |           |          |
|-----------|-----------|-----------|-----------|----------|
| § 25.29   | § 25.301  | § 25.303  | § 25.305  | § 25.307 |
| § 25.561  | § 25.601  | § 25.603  | § 25.605  | § 25.609 |
| § 25.611  | § 25.613  | § 25.773  | § 25.789  | § 25.853 |
| § 25.1301 | § 25.1309 | § 25.1529 | § 25.1541 |          |

Regulations at an intermediate amendment

None

Regulations at the amendment level in TCDS T00021SE

None

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